

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,180,514 B2  
APPLICATION NO. : 10/662416  
DATED : February 20, 2007  
INVENTOR(S) : Mitsutoshi Kuno et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

**[56] REFERENCES CITED:**

OTHER PUBLICATIONS, In “G. Dittmer,” “Discontinuos” should read --Discontinuous--.

In “M. Hartwell, et al., “Strong” should read --“Strong--,” and “Films,” should read --Films”--.

**[75] INVENTORS:**

“Mitsutoshi Kuno, Kanagawa-ken (JP); Osamu Sagano, Kanagawa-ken (JP); Akira Fujii, Kanagawa-ken (JP)” should read --Mitsutoshi Kuno, Sagamihara (JP); Osamu Sagano, Sagamihara (JP); Akira Fujii, Yokohama (JP)--.

**SHEET 36:**

FIG. 37, “DETEMINE” should read --DETERMINE--.

**SHEET 38:**

FIG. 39, “DETEMINE” should read --DETERMINE--.

**COLUMN 1:**

Line 27, “molybdenium” should read --molybdenum--.  
Line 30, ““Radio” should read --Radio--.

**COLUMN 2:**

Delete lines 66-67.

**COLUMN 3:**

Delete lines 1-13.

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COLUMN 5:

Line 40, "substrate 311," should read --substrate 3111,--.

COLUMN 11:

Line 55, "signal TH" should read --signal T<sub>H</sub>--.

COLUMN 12:

Line 19, "current I<sub>1</sub>" should read --current I1--.

COLUMN 18:

Line 8, "to H<sub>v10</sub>." should read --to H<sub>v10</sub>).--.

COLUMN 20:

Line 9, "numeral" should read --numerals--.

COLUMN 24:

Line 8, "completes" should read --the control unit 105 completes--.

Line 43, "device" should be deleted.

COLUMN 28:

Line 46, "signal)" should read --signal(.)--.

COLUMN 33:

Line 52, "shown inn" should read --shown in--.

Line 57, "change." should read --charge.--.

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COLUMN 34:

Line 62, "potential A" should read --potential a--.

COLUMN 36:

Line 21, "device" should be deleted.

COLUMN 37:

Line 33, "hundred A" should read --hundred Å--.

COLUMN 38:

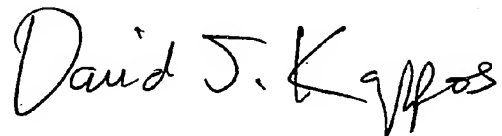
Line 21, "Å or less" should read --Å or less--.

COLUMN 41:

Line 42, "performed)." should read --performed.)--.

Signed and Sealed this

Fifteenth Day of September, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*